

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application Of: **Robert McMillen**) Examiner: Hong, John C.
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)
Application No.: 10/008,896) Group Art Unit: 3726
)
)
Filing Date: 12/07/2001)
) Attorney Docket No.:
) 41575/29964(118)
Title: Apparatus and Method For Telescoping)
Actuator

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P.O. Box 1450
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

This Supplemental Information Disclosure Statement is being filed pursuant to 37 CFR 1.97(e)(1). Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application prior to the filing of the information disclosure statement. Attached hereto is Form PTO-1449, and a copy of the International Search Report dated April 15, 2003. Applicant hereby authorizes the charge of \$180.00 for filing an information disclosure statement pursuant to the section cited above; as well as any additional charges to be charged to the Deposit Account No. 08-3460. A duplicate copy of this sheet is enclosed.

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Date: September 30, 2004

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Eileen Crocker
Signature

Eileen Curran
Printed name

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Title: **Apparatus and Method For Telescoping Actuator**) **41575/29964(118)**

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Eileen Croson
Signature

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INTERNATIONAL SEARCH REPORT

Husch-Eppenberger LLC

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 41575/120	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 02/39076	International filing date (day/month/year) 06/12/2002	(Earliest) Priority Date (day/month/year) 07/12/2001
Applicant L & P PROPERTY MANAGEMENT COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of Invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

1

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

PCT/US 02/ 39076

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A travel multiplying actuator having a housing (10) and having a traveling member (120,320,420), the actuator having a traction cable wire mount on one of the housing or the traveling member and the actuator having a traction cable sleeve mount on the other of the housing or the traveling member, the actuator also having an impeller, the impeller being a lever or handwheel or motor, and the impeller being operatively engaged with the actuator such that when the impeller moves the traveling member a first distance, the traction cable wire mount and the traction cable sleeve mount move a second distance toward and a second distance away from one another, characterized in that, the actuator has a travel multiplier (30), being a telescoping traveler segment (130,330,430) or a pulley (320), engaged to the traveling member such that the second distance is greater than the first distance.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16C1/12 F16H25/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16C F16H B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Character of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 02166 A (DARBYSHIRE PAUL ; HENDERSONS IND PTY LTD (AU)) 1 February 1996 (1996-02-01) the whole document ---	1
A	US 5 638 722 A (KLINGLER KNUD) 17 June 1997 (1997-06-17) the whole document ---	1
A	US 6 053 064 A (GOWING JOHN P ET AL) 25 April 2000 (2000-04-25) the whole document ---	1
P, A	WO 02 097288 A (SCHUKRA GERAETEBAU AG ; STADLBAUER ALFRED (AT); SCHUSTER WILHELM (A) 5 December 2002 (2002-12-05) page 16, line 31 -page 17, line 8; figure 12 ---	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
9 April 2003	15/04/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Van Prooijen, T

Form PCT/ISA/210 (second sheet) (July 1992)

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9602166	A	01-02-1996	AU AU WO DE JP US	682617 B2 2917395 A 9602166 A1 19581695 T0 10502836 T 5797652 A		09-10-1997 16-02-1996 01-02-1996 19-06-1997 17-03-1998 25-08-1998
US 5638722	A	17-06-1997	DE AU CA DE WO EP JP	4321985 C1 7185594 A 2165788 A1 59401970 D1 9501115 A1 0706338 A1 10501142 T		12-01-1995 24-01-1995 12-01-1995 10-04-1997 12-01-1995 17-04-1996 03-02-1998
US 6053064	A	25-04-2000		NONE		
WO 02097288	A	05-12-2002	AT WO	8392001 A 02097288 A1		15-12-2002 05-12-2002

Form PCT/ISA/210 (patent family annex) (July 1992)

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/008,896
Filing Date	12/07/2001
First Named Inventor	Robert McMillen
Art Unit	3726
Examiner Name	Hong, John C.
Attorney Docket Number	41575/29964(118)

Attorney Docket Number 41575/29964(118)

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
BA	WO 96 02166 A		02/01/1996			
BB	WO 02 097288 A		12/05/2002			

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.